

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Shigeru MIZUNO

Application No.: 10/625,747

Filed: July 24, 2003

Docket No.: 116572

For: PIEZOELECTRIC CERAMIC COMPOSITION AND PIEZOELECTRIC ACTUATOR
FOR INK-JET HEAD BASED ON USE OF THE SAME

INFORMATION DISCLOSURE STATEMENT

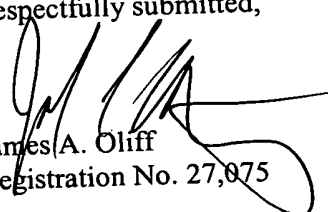
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. The references were cited in a counterpart foreign application. An English language version of the foreign search report is attached for the Examiner's information.
- ☒ 3. English-language Abstracts of the non-English language references are attached hereto.
- ☒ 4. A computer-generated English translation of the following Japanese Patent Publication has been obtained from the website of the Japanese Patent Office (<http://www.jpo.go.jp>), and is attached, but has not been reviewed for accuracy. See Reference 1.

Respectfully submitted,


James A. Oliff
Registration No. 27,075

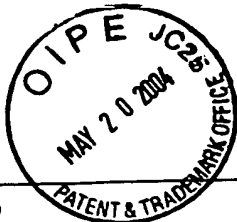
Joel S. Armstrong
Registration No. 36,430

JAO:JSA/tmw

Date: May 20, 2004

OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400

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US Dept. of Commerce
PATENT & TRADEMARK OFFICE

ATTY DOCKET NO.
116572

APPLICATION NO.
10/625,747

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT
Shigeru MIZUNO

FILING DATE
July 24, 2003

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
	1	JP A 2001-302348 (with abstract and translation)	10/31/2001	Japan		
	2	JP A 63-225577 (with abstract)	09/20/1988	Japan		
	3	JP A 64-5973 (with abstract)	01/10/1989	Japan		
	4	JP A 63-285167 (with abstract)	11/22/1988	Japan		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER

DATE CONSIDERED

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.